



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

# 7/a  
6/17/03  
by

## First Named

Inventor : Elango Pakriswamy

Appln. No. : 09/725,356

Filed : November 29, 2000

Title : HIGH BANDWIDTH LOW NOISE CROSS-COUPLED AMPLIFIER

Docket No. : V44.12-0138

Group Art Unit: 2651

Examiner: R. Holder

**RECEIVED**

JUN 16 2003

Technology Center 2000

**AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SENT VIA EXPRESS MAIL**

Express Mail No.: EV 215782975 US

Sir:

This is in response to the Office Action mailed on March 12, 2003, in which claims 1-20 were rejected. Please amend the above-identified application as follows:

**IN THE CLAIMS**

Please cancel claims 17 and 18 without prejudice and amend claims 1, 2, 6, 7, 14, 19 and 20 (marked up version attached in Appendix), such that pending claims 1-16, 19 and 20 are as follows:

~~1~~(Amended) A differential amplifier circuit for amplifying an input signal and for providing an output signal representative of the input signal, the differential amplifier circuit comprising:

first and second input signal nodes;

a first amplifier circuit including an input transistor operatively connected to the first input signal node;

a second amplifier circuit including an input transistor operatively connected to the second input signal node;

a first coupling circuit including a capacitor and an active element, the first coupling circuit being connected such that the capacitor and the active element are



Receipt is hereby acknowledged by the Patent & Trademark  
Office of the following:

Express Mail Cover Sheet  
Amendment

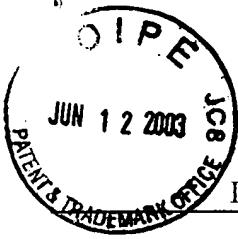
in the patent application of Elango Pakriswamy, appl. no.  
09/725,356, filed November 29, 2000 for HIGH BANDWIDTH LOW  
NOISE CROSS-COUPLED AMPLIFIER

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Sir:

The following papers are being transmitted via **EXPRESS MAIL** to the U.S. Patent and Trademark Office on the date shown below:

1. Amendment
2. Postcard

Respectfully submitted,

KINNEY &amp; LANGE, P.A.

Date: 6/12/03By Al Koenck

Alan M. Koenck, Reg. No. 43,274  
THE KINNEY & LANGE BUILDING  
312 South Third Street  
Minneapolis, MN 55415-1002  
Telephone: (612) 339-1863  
Fax: (612) 339-6580